

Oxyd of Uranium (Uraniat of Ammonia), Oxyd of Uranium combined with Soda (light and orange yellow); Vanadate of Soda.

24. KAISERSTEIN Baron Francis. Graphite Mine. *Raabs, Lower Austria.*

Graphite, raw and washed in larger and smaller regular and irregular fragments.

25. KERTSCHKA Francis. *Brunn am Walde, District of Gföhl, Lower Austria.*

Graphite.

26. KOETTIG A. H., Mining-master and Possessor of a Mine. *Teplitz, Bohemia.*

Brown coal, Cokes.

27. KRATZER Leopold, Miner. *Rosenberg, Comitatus of Liptau, Hungary.*

Regulus Antimonii.

28. KRIEG Charles, Possessor of Graphite-works. *St. Marein, Inferior Austria.*

Graphite, raw and washed.

29. KRONSTADT Mining and metallurgical Association of Shareholders. *Zillthal, Transylvania.*

Coal and Iron-ores.

30. LACZAY SZABÓ Charles, Possessor of Landed estates. *Sárospatak, Comitatus of Zemplin, Hungary.*

Agencies: at Vienna, Joseph Schwarz, City 771, at Bude: John Blum, possessor of a Steam-mill.

Quarz-millstones first quality.

The Millstones exhibited here may enter into competition with the best at present known, and may even be preferable to those of France, as they surpass them in hardness and porosity and want less sharpening. They are far cheaper in price to those from France, which they have partly superseded in water-mills as in steam-mills. The occurrence of this material in Hungary is therefore of some importance for the neighbouring countries.

Prices in Austrian florins with an earnest of 50 florins for the pair, to be delivered in 6 weeks. Loco Sáros patak.

per inch Vienna measure the pair:

30 inches . . . 180 florins.	40 inches . . . 230 florins.
31 " . . . 184 "	42 " . . . 252 "
32 " . . . 190 "	45 " . . . 290 "
33 " . . . 195 "	48 " . . . 325 "
34 " . . . 200 "	50 " . . . 350 "
35 " . . . 205 "	52 " . . . 370 "
36 " . . . 210 "	54 " . . . 390 "
38 " . . . 220 "	56 " . . . 400 "

31. LENGYEL And., I. R. Docimast. *Nagybánya, Comitatus of Száthmar, Hungary.*

Crystallized Pyrites and Antimony.

32. LOBEN Chamber of Commerce and Industry. Collective Exhibition of Mining productions, Iron- and Steel-Manufactures.

(See Classes 31 and 32.)

The individual partners are:

Drasche Henry, Coal mines. *Leoben, Stiria.*

Domicile: Vienna, Wollzeile.

Specimens of Coal; Drawings and Plans.

Fürst Ignace and Mary, possessors of Iron-works. *Büchsengut and Thörl near Aflenz, Stiria.*

Nail- and Cement-steel-Iron, worked Iron for gun-barrels, Iron wire, bars for nails, rolled Gun-barrel.

Eisenerz I. R. Chief Association („Hauptgewerkschaft“) *Eisenerz, Stiria.*

Iron and Steel.

Henkel von Donnersmark Count, Iron-work. *Zeltweg, near Judenburg, Stiria.*

Iron.

Neuberg I. R. Administration. *Neuberg, Stiria.*

M. of honour: Munich 1854. Silver M. I. Cl. Paris 1855.

Specimens of Ores and raw Iron, Plate Iron for cauldrons, angular Iron, Iron for parts of Machinery, Iron axle-trees for Locomotives, fracture-specimens of Puddling-steel and Iron-tyres, Puddling-steel Tyres, Black-smith articles.

Pfeifer John. *Spitzenbach St. Gallen, Stiria.*

Iron and Steel.

Radmeister (Work-owners) Community. *Vorderberg, Stiria.*

Raw Iron.

Schwarzenberg Prince Adolphus, Possessor of Iron-works. *Murau, Stiria.*

Iron articles.

This Iron-work is in existence since nearly 200 years. Steel-like raw Iron is converted into superior Steel (renowned under the name of „Paalstahl“) for cutting instruments, sabre blades etc., as also into Brescian steel for scythes and sickles. Hammered Iron of every sort, Black-smith articles and Cement-steel Iron of superior quality are likewise produced there. The annual production amounts to 70,000—80,000 Vienna Cwt of raw and cast Iron, 25,000—30,000 Vienna Cwt of Steel of different sorts and 20,000—25,000 Vienna Cwt of hammered Iron of every description.

Sessler Victor Felix, Iron-work. *Krieglach, Iron.*

33. LIECHTENSTEIN Prince John. Iron-work. *Aloisthal, Moravia.*

A thin plate, cast out of the high-furnace.

(See Class 4.)

34. MANGER Rodolphus, Possessor of Mines. Domicile: *Prague 853-2.*

Iron Pyrites.

35. MAYR Francis. Possessor of Iron-works. *Leoben, Stiria.* Puddling and Rolling-works at Donawitz, Rolling-work at Gemeingrube, Manufactory of Cast-steel at Waasen, Hammer-works at Waasen, Töllerl, Goss, St. Michael, Höll, Bruck on the Mur; Coal mines in the Tollinggraben.

Assortment of hammered Iron, common hammered Iron tested for its quality and fracture, refined hammered Iron, Cement and Puddling-steel, black sheet Iron, assortment of Cast-steel, Cast-steel plate for Steam-boilers, Cast-steel Rails, quality- and fracture-samples of Cast-steel; drawings of patented Furnaces and Machinery.

The Iron and Steel sorts are exclusively produced out of Vorderberg and Innerberg raw Iron; the superior quality of these articles has become notorious. The annual production of Iron, Steel, melted, cemented and puddling Steel amounts to 180,000—200,000 Vienna Cwt, of Cast-steel to 12,000 Vienna Cwt.

36. MAYR Max, I. R. Mining-officer. *Vienna, Landstrasse 703.*

Specimens of common and hardened Steel.

37. MERAN Count. Iron-works. *Krems, Stiria.*

Iron, Steel articles and Coal.

Objects brought to exhibition: 1. Raw materials: raw Iron and Coal; 2. Materials for farther work: plate and coarse Iron, raw Rails; 3. stretched Iron (current commercial Iron, made exclusively out of Puddling Iron); 4. rolled Iron of Puddling Iron, plates made with one heating (particularly soft and smooth), 5. Puddling steel, raw and refined (Scythe-Steel and „Zeugmacher“-Steel), prepared with raw Lignite containing 20—30 p. C. of water; 6. Cast-Steel in 8 assortments, among which No. 7 is eminent for its hardness and tenacity.

38. MITTROWSKY Count Wladimir, *Pernstein, Moravia.*

A cube of Lepidolite.